## **EAST Search History**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20020134637").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 13:28
S2	1	S1 and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 13:57
S3	2020	(william same martin).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 13:58
S4	3	(william same martin).in. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 13:59
<b>S</b> 5	20	("20030171186"   "3903738"   "4328719"   "4592241"   "5767420"   "6251043"   "6505504"   "6986289").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 14:13
S6	0	S5 and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 14:16
S7	3	S5 and (control\$4 with clutch with torque)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 14:27
S8	3	\$5 and ((control\$4 with clutch with torque) same shift\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 14:28
S9	0	\$5 and ((control\$4 with clutch with torque) same (shift\$3 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 14:29
S10	324	477/39.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 14:31
S11	15	477/39.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 14:31

S12	1	477/39.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 14:32
S13	696	477/107.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 14:58
S14	5	477/107.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 14:58
S15	23	477/107.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 15:04
S16	621	477/109.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 17:33
S17	6	477/109.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 17:33
S18	19	477/109.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:00
S19	487	477/110.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:04
S20	5	477/110.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:04
S21	18	477/110.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:06
S22	354	477/115.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:15
S23	4	477/115.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:15

S24	8	477/115.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:16
S25	195	477/116.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:17
S26	0	477/116.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:17
S27	2	477/116.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:17
S28	462	477/166.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:18
S29	0	477/166.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:18
S30	12	477/166.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:18
S31	130	477/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:21
S32	1	477/167.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:21
S33	3	477/167.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:21
S34	228	477/169.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:22
<b>S</b> 35	0	477/169.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:22

S36	18	477/169.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:22
S37	531	477/174.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:27
S38	3	477/174.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:27
<b>S</b> 39	30	477/174.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:27
S40	538	477/175.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:31
S41	0	477/175.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:31
S42	25	477/175.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:31
S43	423	477/176.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:35
S44	2	477/176.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:35
S45	30	477/176.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:35
S46	470	477/180.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:53
S47	0	477/180.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:53

S48	16	477/180.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:53
S49	416	477/181.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:56
S50	2	477/181.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:56
S51	11	477/181.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 20:58
S52	193	((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 21:02
S53	47	((clutch with torque with limit) same (shift\$4 with gear) same (slip\$4 with clutch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 21:03
S54	148	((clutch with torque with (limit or value)) same (shift\$4 with gear) same (slip\$4 with clutch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 21:04
S55	4	((adjust\$3 with clutch with torque with (limit or value)) same (shift\$4 with gear) same (slip\$4 with clutch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/05 21:05
S56	1	((adjust\$3 with clutch with torque with ((predetermined or limit) with value)) same (shift \$4 with gear) same (slip \$4 with clutch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/06 08:41
S57	36	((clutch with torque with ((predetermined or limit) with value)) same (shift \$4 with gear) same (slip \$4 with clutch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/06 08:49
S58	5	((adjust\$3 with clutch with torque with ((predetermined or limit) with value)) same (shift \$4 with gear)) and (slip \$4 with clutch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/06 08:49

S59	28	("5125282"   "5181431"   "5283738"   "5351776"   "5380257"   "5409091"   "5427215"   "5630773"   "5632706"   "5725456"   "5890392"   "5950781"   "6095001"   "6151544"   "6309325"   "6364809"   "6427550"   "6711486").PN. OR ("2002/0129671"   "2004/0102287"   "6061619"   "6588292"   "6899655").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/06 08:53
S60	0	\$59 and ((adjust\$3 with clutch with torque with ((predetermined or limit) with value)) same (shift \$4 with gear)) and (slip \$4 with clutch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/06 08:54
S61	0	S59 and ((clutch with torque with ((predetermined or limit) with value)) same (shift \$4 with gear) same (slip \$4 with clutch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/06 08:54
S62	12	(("2003084739") or ("2003010144") or ("2314042") or ("3327822") or ("3780840") or ("3872737") or ("3903738") or ("4098380") or ("4274523") or ("4328719") or ("6251043") or ("7261379")).PN.	USPAT; USOCR	OR	OFF	2009/03/23 14:27
S63	42	("0834394"   "0977864"   "1345633"   "1387017"   "1853988"   "1907619"   "2180597"   "2201169"   "2620907"   "2791131"   "3154181"   "3478851"   "3780840"   "3888337"   "3960253"   "4053038").PN. OR ("3780840"   "3872737"   "4098380"   "4274523").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/23 20:22

S64	5	((adjust\$3 with clutch with torque with ((predetermined or limit) with value)) same (shift \$4 with gear)) and (slip \$4 with clutch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 20:23
<b>S</b> 65	0	S63 and ((adjust\$3 with clutch with torque with ((predetermined or limit) with value)) same (shift \$4 with gear)) and (slip \$4 with clutch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 20:35
S66	1	(((adjust\$3 with clutch with torque with ((predetermined or limit) with value)) same (shift \$4 with gear)) and (slip \$4 with clutch)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 20:36
S67	1	(((adjust\$3 with clutch with torque with (predetermined or limit)) and (shift\$4 with gear)) and (torque with exceed \$4 with predetermined with value)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	COR	ON	2009/03/23 20:59
<b>S</b> 68	1	(((adjust\$3 with clutch with torque with (predetermined or limit)) and (shift\$4 with gear)) and (torque with exceed \$4 with predetermined with value) and (slip\$4 or (relative with rotational with movement))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:02
S69	4	((adjust\$3 with clutch with torque with (limit or value)) same (shift\$4 with gear) same (slip\$4 with clutch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:50
S70	47	((clutch with torque with limit) same (shift\$4 with gear) same (slip\$4 with clutch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:50
S71	11	477/181.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:51

S72	2	477/181.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:51
S73	16	477/180.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:51
S74	0	477/180.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:51
S75	33	477/176.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:52
S76	3	477/174.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:52
S77	18	477/169.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:52
S78	0	477/169.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:52
S79	3	477/167.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:52
S80	1	477/167.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:53
S81	12	477/166.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:53
S82	0	477/166.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:53
S83	2	477/116.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:53

S84	0	477/116.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:53
S85	8	477/115.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:54
S86	4	477/115.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:54
S87	18	477/110.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:54
S88	5	477/110.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:54
S89	20	477/109.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:55
S90	6	477/109.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:55
S91	24	477/107.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:55
S92	5	477/107.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:55
S93	16	477/39.ccls. and (clutch with torque with limit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:55
S94	1	477/39.ccls. and ((clutch with torque with limit) same (shift\$4 with gear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 21:56

S95	42	(("2003084739") or ("2003010144") or ("2314042") or ("3327822") or ("3780840") or ("3872737") or ("3903738") or ("4098380") or ("4274523") or ("4328719") or ("6251043") or ("7261379")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/24 08:14
S96	2	("2002134637").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/03/24 08:15
S97	2	("20020134637").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/03/24 08:15

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